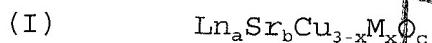


S4b
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dispersed therein a solidified metallic material filling voids in said oxide superconductor forming a matrix;

said fine line of oxide superconductor has an outer coating of a conductive material,

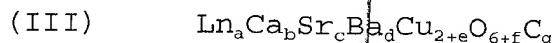
and] wherein said oxide superconductor is composed of one of the materials selected from the group consisting of the following [formulas (I) to (IV) and (V)] materials disclosed in (I) to (V):



where $2.7 \leq a + b \leq 3.3$, $0.8 \leq a \leq 1.2$, $6 \leq c \leq 9$, and $0.05 \leq x \leq 0.7$; Ln consists of at least one type of element or atomic group selected from the element group of Y and a lanthanide element; M consists of at least one type of element or atomic group selected from the element group of Ti, V, Ga, Ge, Mo, W, and Re;



where $2.7 \leq a + b + c \leq 3.3$, $0.8 \leq a + b \leq 2.1$, $6 \leq d \leq 9$, $0.05 \leq b \leq 1.1$, and $0.05 \leq x \leq 1.0$; Ln consists of at least one type of element or atomic group selected from the element group of Y and a lanthanide element; M consists of at least one type of element or atomic group selected from the element group of Fe, Co, Ti, V, Ge, Mo, Re, and W;

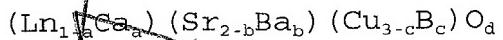


where $a + b + c + d = 3$, $0.2 \leq a \leq 0.8$, $0.2 \leq b \leq 1.0$,

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$0.5 \leq c \leq 2.2$, $0 \leq d \leq 1.6$, $0 \leq e \leq 0.8$, $0 \leq f \leq 2$, and $0.2 \leq g \leq 1.0$; Ln consists of at least one type of element or atomic group selected from the element group of Y and a lanthanide element;

(IV)



where $0.1 \leq a \leq 0.5$, $0.7 \leq b \leq 1.7$, $0.1 \leq c \leq 0.5$, and $6.5 \leq d \leq 7.5$; Ln consists of at least one type of element or atomic group selected from the element group of Y and a lanthanide element excluding Ce and Tb;

(V) where the oxide superconductor is composed of Ln, M, Ba, Cu, Ti, O; where Ln consists of at least one type of element or atomic group selected from the element group of Y, La, Pr, Nd, Sm, Eu, Gd, Dy, Ho, Er, Tm, Yb, and Lu; M consists of at least one element or atomic group selected from the group consisting of Ca and Sr.

D2 F Subs

3. (Three Times Amended) A superconducting wire according to Claim 23, wherein said conductive material is a metal which is selected [among] from Au, Al, Cu, Ni, Pd, Pt, Ti, Mo, W, Nb, and Mn.

D3 Subs

23. (Amended) A superconducting wire comprising: a fine line of a sintered, compact [an] oxide superconductor [forming a matrix] having dispersed therein particles of a solidified metallic material filling voids in said oxide superconductor;